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ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and

CHIEF PUBLIC HEALTH INSPECTOR

for

1960

RURAL DISTRICT OF WAINFORD

ANNUAL REPORT OF THE
MEDICAL OFFICER OF HEALTH
and the
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR
1960

MEDICAL OFFICER OF HEALTH	H.E. NUTTEN, M.B., Ch.B., D.P.H.
CHIEF PUBLIC HEALTH INSPECTOR	IVAN S. ARMSTRONG, A.M.I.P.H.E., M.R.S.H., M.A.P.H.I.
ADDITIONAL PUBLIC HEALTH INSPECTOR	FRANK E. POOLEY, M.R.S.H., M.A.P.H.I.

R U R A L D I S T R I C T O F W A I N F O R D

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1960

To: The Chairman and Members of Wainford Rural District Council.

Madam Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report for 1960.

The Registrar General's estimate of the population is the same as for the previous year but an accurate figure will only be obtained when the results of the 1961 Census are made available.

The Maternal Mortality was again nill but there were four deaths of infants all of which occurred under one week of age. It must be remembered, however, that we are dealing with small numbers and that one infant death will raise the Early Neo-Natal Mortality Rate by 9.43.

Of the causes of death, heart disease and its associated disorders, as usual, heads the list.

Measles was the most prevalent infectious disease notified during the year.

Four cases were added to the tuberculosis register during the year and four were removed, leaving the same total of twenty-five at the 31st December, 1960.

At the request of the Ministry of Health more detailed information on water supplies and sewerage is included in this year's report.

I have the honour to be,
Your obedient Servent,

H.E. NUTTEN.

Medical Officer of Health.

Council Offices,
1, Saltgate,
Beccles, Suffolk.

Telephone No. Beccles 2004/5.

21st June, 1961.

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GENERAL STATISTICS

Area (in acres)	44,871
Registrar General's estimate of population (mid-1960)	6,820
Number of inhabited houses	2,067
Rateable value	£40,212
Product of Penny Rate (estimated)	£156

VITAL STATISTICS

	Rural District	England & Wales
Live Births		
Number	106.0	-
Rate per 1,000 population	15.54	17.1
Illegitimate Live Births per cent of total live births	2.83	-
Still Births		
Number	3.0	-
Rate per 1,000 total live and still births	27.5	19.7
Total Live and Still Births	109.0	-
Infant Deaths (deaths under 1 year)	4.0	-
Infant Mortality Rates		
Total infant deaths per 1,000 total live births	37.73	21.7
Legitimate infant deaths per 1,000 legitimate live births	38.83	+
Illegitimate infant deaths per 1,000 illegitimate live births	NIL	+
Neo-Natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	37.73	+
Early Neo-Natal Mortality Rate (deaths under 1 week per 1,000 total live births)	37.73	+
Perinatal Mortality Rate (still births and deaths under 1 week combined per 1,000 total live and still births)	64.22	+
Maternal Mortality (including abortion)		
Number of deaths	NIL	-
Rate per 1,000 total live and still births	NIL	+

+ Figures not yet available.

	Second Period	Second Period Delayed 4 Games

	Male	Female	Total
Live Births			
Total	51	55	106
Legitimate	49	54	103
Illegitimate	2	1	3
Still Births			
Total	2	1	3
Legitimate	2	1	3
Illegitimate	-	-	-
Deaths of Infants under 1 year of age			
Total	2	2	4
Legitimate	2	2	4
Illegitimate	-	-	-
Deaths of Infants under 4 weeks of age			
Total	2	2	4
Legitimate	2	2	4
Illegitimate	-	-	-
Deaths of Infants under 1 week of age			
Total	2	2	4
Legitimate	2	2	4
Illegitimate	-	-	-
Deaths - All Ages	37	37	74

Rates	Rural District	England & Wales
Illegitimacy Rate (per 1,000 live births)	28.3	+
Adjusted Birth Rate	17.09	-
Death Rate per 1,000 estimated population	10.85	11.5
Adjusted Death Rate	9.87	-

+ Figure not yet available.

Comparability Factor (Births)	1.10
Comparability Factor (Deaths)	0.91

CAUSES OF DEATH

Causes of Death	Male	Female	Total
Tuberculosis, respiratory	-	1	1
Tuberculosis, other	-	-	-
Syphilitic disease	-	-	-
Diphtheria	-	-	-
Whooping cough	-	-	-
Meningococcal infections	-	-	-
Acute poliomyelitis	-	-	-
Measles	-	-	-
Other infective and parasitic diseases	-	-	-
Malignant neoplasm, stomach	2	-	2
Malignant neoplasm, lung, bronchus	2	-	2
Malignant neoplasm, breast	-	2	2
Malignant neoplasm, uterus	-	2	2
Other malignant and lymphatic neoplasm	5	1	6
Leukaemia, aleukaemia	-	1	1
Diabetes	1	-	1
Vascular lesions of nervous system	2	2	4
Coronary disease, angina	8	3	11
Hypertension with heart disease	-	1	1
Other heart diseases	8	7	15
Other circulatory diseases	1	3	4
Influenza	-	-	-
Pneumonia	-	3	3
Bronchitis	3	-	3
Other diseases of respiratory system	-	-	-
Ulcer of stomach and duodenum	-	-	-
Gastritis, enteritis and diarrhoea	-	-	-
Nephritis and nephrosis	-	-	-
Hyperplasia of prostate	-	-	-
Pregnancy, childbirth, abortion	-	-	-
Congenitial malformations	-	2	2
Other defined and ill-defined diseases	3	5	8
Motor vehicle accidents	1	-	1
All other accidents	-	4	4
Suicide	1	-	1
Homicide and operations of war	-	-	-
	37	37	74

CAUSES OF INFANT DEATHS

Sex	Age	Cause of Death
Female	9 Hours	Atelectasis
Male	2 Days	Prematurity
Female	3 Days	Congenital Heart Disease
Male	10 Minutes	Asphyxia

DEATHS FROM CANCER OF THE LUNG AND BRONCHUS

DURING THE YEARS 1952 - 1960

Year	Male	Female	Total	Death Rate per 1,000 Population
1952	2	-	2	0.28
1953	2	-	2	0.28
1954	4	-	4	0.58
1955	-	-	-	-
1956	2	-	2	0.29
1957	-	-	-	-
1958	2	-	2	0.29
1959	-	1	1	0.15
1960	2	-	2	0.29
	14	1	15	

ADJUSTED BIRTH AND DEATH RATE : COMPARABILITY FACTOR

Local birth rates are expressed in terms of population. These populations are estimated by the Registrar General and comprise persons of all ages, including those who have no influence on the birth rate. These latter do, however, affect the birth rate in that a high proportion of them in a population tends to lower, and a small proportion tends to raise the true rate. The size of this proportion will vary in different areas and, therefore, the elimination or standardisation of such a factor will give a truer comparison between areas.

The Registrar General issues a comparability factor on these lines. Multiplication of the crude birth rate of an area by the comparability factor gives the adjusted birth rate and can be compared with the crude rate for England and Wales.

The comparability factor for deaths is obtained in a similar way to the above. The factors for certain areas, where rapid increase or reduction in the population materially affects its comparison by sex and age groups, are also adjusted on that account. Death rate area comparability factors are adjusted to take account of the presence of any residential institutions in each area. Birth rate area comparability factors are also adjusted to take account of the presence of sterile populations in institutions for the mentally ill or mentally deficient.

TABLE SHOWING THE MORE IMPORTANT CAUSES OF DEATH, NUMBERS AND PERCENTAGES

Cause of Death	No. of Deaths		Percentage	
	1959	1960	1959	1960
Diseases of circulatory system	30	31	44.77	41.89
Vascular lesions of nervous system	12	4	17.91	5.40
Malignant diseases	12	15	17.91	20.27
Pneumonia and Bronchitis	6	6	8.95	8.10
Influenza	-	-	-	-
All other causes	7	18	10.44	24.32
	67	74	99.98	99.98

In 1960, 67% of all deaths fell under the first three headings. The comparable figure for 1959 was 80% and for 1958 was 68%

COMPARATIVE STATISTICS

	YEAR										
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Population	7,058	7,110	6,940	7,025	6,830	6,710	6,740	6,790	6,830	6,820	6,820
No. of inhabited houses	2,029	2,058	2,151	2,201	2,174	2,128	2,128	2,154	2,165	2,200	2,067
No. of Live Births	128	133	124	129	128	87	116	123	92	91	106
Birth Rate (crude)	18.3	17.3	17.9	16.9	18.8	13.0	17.2	18.1	13.4	13.3	15.54
No. of Still Births	3	4	3	3	2	2	1	3	2	2	3
Maternal Mortality	-	-	-	-	-	1	-	-	-	-	-
Infant Mortality Rate (No. of deaths)	23.4 (3)	22.5 (3)	24.2 (3)	23.2 (3)	46.9 (6)	23.0 (2)	8.6 (1)	24.3 (3)	32.6 (3)	10.9 (1)	37.73 (4)
No. of deaths (all ages)	76	76	92	73	93	68	54	52	70	67	74
Death Rate (crude)	10.8	10.7	13.3	10.4	13.6	10.1	8.0	7.6	10.2	9.8	10.85

NUMBER OF ALL CONFIRMED CASES OF INFECTIOUS AND OTHER NOTIFIABLE DISEASES NOTIFIED DURING THE YEAR 1960 ACCORDING TO AGE AND SEX

	Scarlet Fever			Measles			Infective Hepatitis			Salmonella Infection		
Age	M	F	T	M	F	T	M	F	T	M	F	T
Under 1 year	-	-	-	-	-	-	-	-	-	-	-	-
1 year	-	1	1	-	1	1	-	-	-	-	1	1
2 years	-	1	1	1	-	1	-	-	-	-	-	-
3 "	-	2	2	2	-	2	-	-	-	-	-	-
4 "	2	1	3	-	2	2	-	-	-	-	-	-
5 - 9 years	2	1	3	8	8	16	2	-	2	-	-	-
10 - 14 "	-	1	1	4	5	9	-	-	-	-	-	-
15 - 24 "	-	-	-	2	1	3	-	-	-	-	-	-
25 - 44 "	-	-	-	-	1	1	-	-	-	-	-	-
45 - 64 "	-	-	-	-	-	-	-	-	-	-	-	-
65 years or over	-	-	-	-	-	-	-	-	-	-	-	-
	4	7	11	17	18	35	2	-	2	-	1	1

Grand Total Male 23 plus Female 26 = 49

DISEASES NOTIFIED DURING THE YEAR

CLASSIFIED ACCORDING TO MONTH OF OCCURRENCE

Month	Scarlet Fever	Measles	Infective Hepatitis	Salmonella Infection
January	3	-	1	-
February	1	-	-	1
March	2	-	-	-
April	1	-	-	-
May	1	-	-	-
June	-	-	-	-
July	2	-	1	-
August	-	-	-	-
September	1	3	-	-
October	-	2	-	-
November	-	21	-	-
December	-	9	-	-
	11	35	2	1
Grand Total				49

TUBERCULOSIS

	Males		Females		Total
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	
Number of cases on the Register at 31st December, 1959	11	3	5	6	25
Number of cases added during the year	-	-	3	1	4
Number of cases removed during the year	1	1	1	1	4
Number of cases on the Register at 31st December, 1960	10	2	7	6	25

Cases Added To The Register		Cases Removed From The Register	
New notifications	1	Recovered	1
Inward transfers	3	Died	1
		Removed to other areas	2
Total	4	Total	4

Cases on the Register, According to Age and Sex at 31st December, 1960

Age Group	Male	Female	Total
Under 5 years	-	-	-
5 - 14 "	2	3	5
15 - 24 "	1	2	3
25 - 44 "	7	6	13
45 - 64 "	2	2	4
65 years and over	-	-	-
Age Unknown	-	-	-
	12	13	25

WATER SUPPLIES

I. At the request of the Ministry of Health additional information on water supplies is incorporated in this report.

II. The water supply of the Rural Area has been satisfactory in quality and quantity.

The District is supplied from three different sources. Barsham Joint Water Bores situated in this area and administered by this District and two adjoining Authorities. Another part is supplied by Bungay Urban District. Wainford Rural District's Headworks are situated at Holton and copies of typical bacteriological and chemical analyses taken from the latter supply are given below. Reports from the other sources are given in the respective Annual Reports.

Certificate of Analysis of Water

Sample received from	Wainford R.D.C.	
Marked	Holton Waterworks.	
Appearance when received	Clear.	
Nature of Deposit	Nil.	
Colour	Nil.	
Odour	Nil.	
Reaction	Faintly alkaline	pH 7.4
Taste	Satisfactory.	

Results of Chemical Analysis in Parts per Million

Ammoniacal nitrogen	Negligible trace.
Albuminoid nitrogen	0.01
Nitrate nitrogen	1.0
Nitrite nitrogen	Nil.
Chlorine as chlorides	72
Oxygen absorbed (4 hr., 27° C)	0.65
Hardness as $CaCO_3$	
Total	325
Carbonate (temporary)	240
Non-carbonate (permanent)	85
Alkalinity as $CaCO_3$	240
Free carbon dioxide	15
Total solids (at 180° C)	495
Iron (total)	0.16
Metals in solution other than iron	Nil.

Opinion

The water is of very good organic quality and the analysis as a whole shows no evidence of pollution. The treatment being given to the water appears to have reduced the iron and the excessive free carbon dioxide very effectively. The reaction of the water is on the alkaline side of neutrality and it would not be expected to have any serious corrosive action on metals. In our opinion, from the chemical evidence, this water is fit for drinking and general purposes.

Bacteriological Examination Report

Nature of Sample	Water from bores, main piped supply. Sampled from tap.
Plate Count. Yeastrel agar 24 hours 37° C aerobically	0 per ml.
Probable number of coliform bacilli, MacConkey 2 days, 37° C	0 per 100 ml.
Probable number of Bact. coli (type I)	0 per 100 ml.

During the year sixteen bacteriological samples were taken from Holton Headworks. No bacteriological examinations were made of the raw water.

III. The waters are not liable to have plumbo-solvent action. All the samples show the characteristic hardness of East Anglian waters.

IV. No contamination of any form occurred during the year.

V. Number of dwelling houses supplied direct to the houses	1,459
Number of dwelling houses supplied by means of stand-pipes	343
Total	1,802
Total number of inhabited houses	2,067
Number of houses not supplied	265
Estimated population supplied direct to houses	4,800.11
Estimated population supplied by stand-pipes	1,128.47
Total	5,928.58
Estimated total population	6,820
Estimated population not supplied	891
Estimated number of persons per house	3.29

Name of Parish	Supplied by Mains Water Direct		Supplied by Stand-pipe	
	Houses	Population	Houses	Population
All Saints	48	157.92	4	13.16
Barsham	34	111.86	24	78.96
Blyford	34	111.86	4	13.16
Brampton	61	200.69	16	52.64
Ellough	9	29.61	12	39.48
Flixton	33	108.57	2	6.58
Holton	145	477.05	13	42.77
Mettingham	44	144.76	20	65.80
North Cove	44	144.76	6	19.74
Redisham	29	95.41	18	59.22
Ringsfield	52	171.08	17	55.93
Rumburgh	71	233.59	27	88.83
St. Andrew	57	187.53	35	115.15
St. Cross	42	138.18	-	-
St. James	54	177.66	1	3.29
St. John	4	13.16	-	-
St. Lawrence	36	118.44	19	62.51
St. Margaret Ilketshall	44	144.76	15	49.35
St. Margaret South Elmham	30	98.70	-	-
St.. Mary (Homersfield)	46	151.34	-	-
St. Michael	18	59.22	-	-
St. Peter	12	39.48	-	-
Shadingfield	26	85.54	6	19.74
Shipmeadow	24	78.96	7	23.03
Sotherton	30	98.70	-	-
Sotterley	21	69.09	6	19.74
Spexhall	42	138.18	16	52.64
Stoven	19	62.51	5	16.45
Westhall	66	217.14	27	88.83
Weston	20	65.80	10	32.90
Willingham	33	108.57	7	23.03
Wissett	56	184.24	24	78.96
Worlingham	175	575.75	2	6.58
	3.29 x 1,459	= 4,800.11	3.29 x 343	= 1,128.47

PUBLIC SWIMMING BATHS

There are no public swimming baths in the area.

SEWERAGE AND SEWAGE DISPOSAL

There are thirty-three parishes in the Rural District. The following is the up-to-date position regarding sewerage:-

Sewered Parishes:

Parish	Number of Premises in Parish
Worlingham	222
Holton (part sewered)	179

Schemes Under Construction:

Parish	Number of Premises in Parish
Homersfield	58
Ringsfield	92
North Cove	71

Schemes Approved by Ministry:

Parish	Number of Premises in Parish
Wissett	107

Schemes in course of Preparation:

Parish	Number of Premises in Parish
Westhall	103
St. Lawrence with Spexhall	64

R U R A L D I S T R I C T O F W A I N F O R D

ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR FOR 1960

To: The Chairman and Members of Wainford Rural District Council.

Madam Chairman, Ladies and Gentlemen,

I have pleasure in presenting my fourth Annual Report in conjunction with that of your Medical Officer of Health, Dr. H.E. Nutten.

Good progress has been maintained in every field and especially in food hygiene where your Additional Inspector has carried out fruitful pioneer work at the Flixton and Holton factories. The Council has succeeded in attracting two further firms, both turkey processers to sites within the District served in each case by sewers and water mains. Industry of this type with a rural flavour is appropriate to the area and should be encouraged where proper facilities are available.

Since my last report the sewerage programme has accelerated and ten schemes are now constructed, in the course of preparation or under consideration. In addition the cesspool emptying service is to be extended and rate subsidised in order to provide quick and efficient arrangements for properties which cannot be connected to a public sewer.

The progressive policy of the Council in offering maximum Improvement Grants wherever possible coupled with the sewerage schemes has largely contributed to the great strides that are being made in improving housing standards throughout the District.

My sincere thanks are due to Frank Pooley who deals with the greater proportion of routine public health matters and to the clerical staff generally for their loyal team work throughout the year.

I am,
Your obedient Servant,

Chief Public Health Inspector.
Engineer & Surveyor.

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR

HOUSING

(a) Number of houses inspected during year — 240

(b) Number of houses found to be unsatisfactory — 160

(c) Number of houses rendered fit:

By informal action	170
By formal action	-

(d) Demolition Orders secured — 41

(e) Closing Orders made — 6

(f) Undertakings accepted — 6

(g) Houses demolished under (d) — 20

(h) Houses demolished by informal action — 1

(i) Provision of Housing accommodation:

	By Local Authority		By Private Enterprise	
	Permanent	Temporary	Permanent	Temporary
1. Houses completed during year	27	-	10	-
2. Number of houses in course of construction on 31st December, 1960	-	-	6	-
3. Total number of houses owned by Council on 31st December, 1960	406	-	-	-
Council houses available for letting during year				44

(j) Future Council house building:

Negotiations proceeding for purchase of land at Westhall.
Eight dwellings in course of erection at Flixton.

(k) Overcrowding:

No known cases in District throughout the year.

(l) Improvement Grants:	Discretionary	Standard
Number of dwellings in respect of which applications were made during the year	32	17
Number of dwellings in respect of which grants were approved during the year	25	17

(m) Certificates of Disrepair:

Applications received	-
Certificates issued	-

(n) Moveable Dwellings:

Individual licences issued	18
Inspections made	53
Contraventions remedied	9

FOOD HYGIENE

A complete survey of all premises was carried out during the year.

(a) Premises inspected	49
(b) Inspections made:	189
Premises found to be unsatisfactory	21
Premises rendered satisfactory	19
(c) Premises registered under the Food and Drugs Act, 1955:	
Ice cream - storage and sale	5
Sausages - preserved foods	2
(d) Milk Dealers' licences issued:	
Pasteurised	8
Tuberculin tested	8

(e) Poultry Processing Factories:

At Flixton the new factory built during the latter part of 1959 by Messrs. East Anglia Packers, Limited was developed and extended and now includes a pie section.

At Holton a turkey processing factory was built and put into operation at present producing 1,500 birds per week whereas another capable of dealing with 20,000 birds per week was in course of erection.

A considerable amount of the Inspector's time has been spent with both management and staff in order to maintain strict hygiene control, a high standard having been achieved.

Regular sampling was continued throughout the year in close collaboration with Dr. J.M.S. Dixon of the Public Health Laboratory producing interesting results, details of which are given in the monthly bulletin of the Public Health Laboratory Service, 1961, 20, 30.

RODENT CONTROL

(a) Inspections and treatments:

Number of premises inspected	1,205
Number of premises treated - dwellinghouses	932
- other premises	273

(b) The Council provided a contract service during the year to forty-four farms and small-holdings.

(c) One operator is employed on this work.

PUBLIC CLEANSING

(a) Refuse Collection and Disposal:

This was the first full years experience in operating the system by Direct Labour and hopes expressed last year of saving 17% were fully realised. Sales of salvaged materials reached £260.

(a) continued.

Frequency of collection:

Worlingham, Holton and North Cove - weekly
Remaining villages - fortnightly

Disposal:

Three tips, at Holton, St. John and Worlingham.

(b) Cesspool Emptying:

This was carried out on a limited scale, using the Council's Vaci-tank hauled by Land Rover.

	Number of Cesspools	Number of Loads
Local Authority	172	434
Private	83	354
	255	788

WATER SUPPLIES

(a) Population supplied within Rural District 5,928

Each of the Council's thirty-three parishes is now supplied with mains water.

(b) Quantity Supplied: (Million gallons)

Consumers within Rural District	64.2
Supplied in bulk to other Authorities	38.3

(c) New Connections:

Domestic	17
Metered	36

(d) Water Sampling:

Sample	Supply	Samples Taken	Satisfactory	Unsatisfactory
Bacteriological	Private	18	6	12
	Local Authority	44	44	NIL
Chemical	Private	11	10	1
	Local Authority	1	1	NIL

SEWERAGE AND SEWAGE DISPOSAL

(a) Progress of schemes given in Medical Officer of Health's section, Page 15.

(b) Sewer Connections:

Connections made during year 52

FACTORIES ACTS, 1937-59

Prescribed Particulars on the Administration of the Factories Act, 1937 for the Rural District of Wainford

Part I of the Act

(a) Inspections:

Premises	Number on Register	Number of Inspections
1. Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	2	44
2. Factories not included in 1, in which Section 7 is enforced by the Local Authority	13	31
3. Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	18	37
Total	33	112

(b) Cases of Inspection in which Defects were found:

Particulars	Found	Remedied
1. Ineffective drainage of floors	-	-
2. Sanitary Conveniences:		
Insufficient	-	-
Unsuitable or defective	2	2
Not separate for sexes	-	-
3. Other offences against the Act (not including offences relating to out-work).	-	-
Total	2	2

Part VIII of the Act

Outwork

(Sections 110 and 111)

Nil Return.

AGRICULTURE (SAFETY, HEALTH AND WELFARE PROVISIONS) ACT, 1956

(a)	Number of agricultural premises in area	315
(b)	Number of agricultural premises where persons are employed (estimated) other than occupier and family	110
(c)	Number of agricultural premises inspected	20
(d)	Number of premises where informal action taken	2
(e)	Number of premises where formal action taken	NIL

I N D E X

TO ANNUAL REPORT OF

MEDICAL OFFICER OF HEALTH & CHIEF PUBLIC HEALTH INSPECTOR

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